23 January 1980

MEMORANDUM FOR THE RECORD

25X1A FROM : ████████████████

Chief, B Division, Office of Data Processing

SUBJECT: DDA Considerations on "A Plan for Accelerating the Provisions of ADP Support to DO Field Stations" (S)

1. The following represents comments from DDA representatives on the CRAFT Working Group. These include ████████████ 25X1A

██ 5X1A

2. SCOPE

It is the stated purpose for the CRAFT system to provide "ADP support (which) is intended to increase the efficiency and effect-iveness of information handling in the field, and to reduce the risk of compromise of sensitive information in the event of a station overrun (etc.)". It is difficult to perform analysis of the proposal without clarification on the meaning of the statement. Existing CRAFT documentation does not amplify on the interpretation to be used. There is no precise definition of what records are maintained by a DDO officer in the field (not just the case officer)

or why these records are maintained. Issues related to record destruction are not necessarily ADP issues. What is the problem that automation is to solve? Can automation solve it? It is not obvious that ADP provides a solution. (S)

3. ARCHITECTURE

Without a definition of scope and the ensuing requirements analysis, a specification of system architecture as either stand-alone data processing elements in the field or data processing at Headquarters cannot be validated. How can the architecture be assessed to determine the effectiveness of the proposed solution without a specification of the requirements the solution must satisfy? What is the relationship between field record holdings and the existing data bases at Headquarters? If TEMPEST modified and reconfigured, would ODP's GIMINI project be preferable to the Honeywell computers? Is it intended for the procurement of the Agency standard terminal to occur through ODP's contract? (S)

4. MANAGEMENT

The recommendation for continued use of a CRAFT Board, Working Group, in-house Implementation Team is not consistent with standard Agency practices for system development on a program of this size. Since the earliest days of the U-2 aircraft development, formal program office structure has been advocated. Significant system developments have relied upon contractual support to provide the necessary materiel and man-power requirements. Why is this project managed differently? ODP and Agency standards on the structure of

feasibility studies appear to be applicable to the CRAFT project. Why is this methodology not being used? (S)

5. RESOURCE (FUNDING) ESTIMATES

Because of the system architecture and management issues, it is difficult to accept the estimates of the resources required to realize the (unspecified) level of ADP support. In any event, the paper does not show the derivation of the estimates as provided. Do the dollar and man-power estimates represent "educated" guesses? The paper indicates the need for large numbers of ADP personnel required for this project. How were these numbers derived? What alternatives were considered?

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6. Comments provided by █████████████ include:

   ° Discussion of the Plan is at too low a level to commit resources.

   ° The communication requirements may require coordination with the State Department in light of their efforts.

   ° There is no involvement of the DDO Officer in the requirements definition.

   ° The technical considerations (computers and communications) is beyond the understanding of some members of the Working Group.

   ° Inadequate detail in the paper precludes competent evaluation of it. (A/IUO)

SECRET DRAFT

7. Comments provided by the Office of Training concerned the lack of mention of OTR requirements in the Plan. What support shall be requested by the DDO and DDA in order to fulfill CRAFT needs? Unless the requirements for OTR support are clearly established it is impossible for OTR to state whether the resources requested are available. (A/IUO)

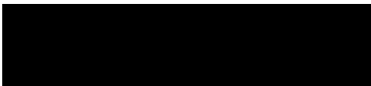8. Comments provided by the Office of Finance included:

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° There is apparent confusion within the Plan on

███
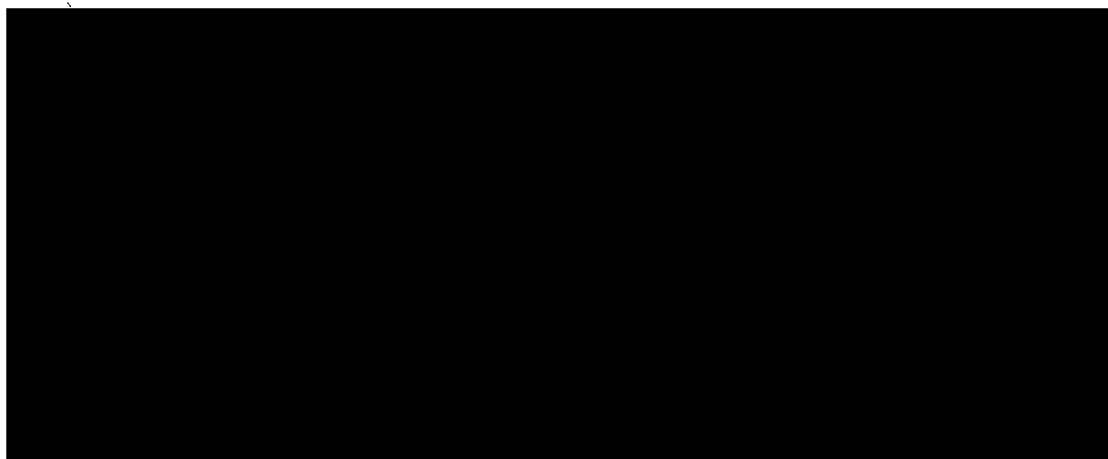
to CRAFT?

25X1A

° Does the study provide adequate justification for a concept of one work station ███████████ officers?

° The interface requirements for the Agency standard terminal is not specified for all locations. Should there be an attempt to provide such interface uniformly to reduce the burden on the communications operators? (C)

SECRET

9. Concerns expressed by the Office of Logistics include:

   ° The Plan is so general the impact upon the Directorate
   of Administration cannot be determined.

   ° Is it intended for the procurement of materiel to
   be via standard Agency contractual mechanisms?
   Competitive procurement (including sole source awards)
   require systems studies to be performed. Does the DDO
   intend to provide the documentation required in support
   of these procurements?

   ° Logistics and Data Processing are currently working
   on a Materiel Management Project. How does this
   effort relate to CRAFT?

   ° Some Logistics requirements which could possibly be
   incorporated into the short term recommendation
   include:

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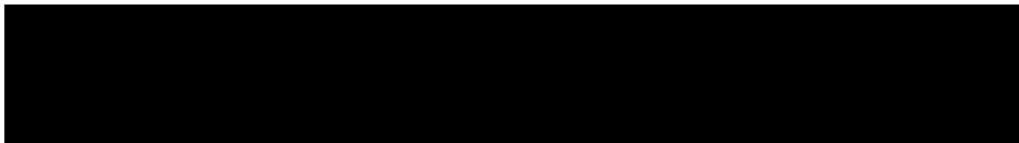
   - Data system to allow the elimination of Form 88.

   ° Logistics is available to discuss these matters, and
   others, with those responsible for system procurement
   and development to assist in requirements definition.
   (S)

SECRET DRAFT

10. Concerns expressed by the Office of Communications include:

° Communications strongly desires to be supportive of the CRAFT program, but there may be insufficient lead time to obtain the personnel necessary to support the project. The Plan does not contain sufficient data for Communications to determine. System sizing is not clearly established. Present Communications activities (SC-3 and Project Mercury) will absorb all on-board techs. Contracted install-ation of the equipment may alleviate a portion of this problem.

° There is concern over the emphasis in the Plan on system implementation and not functional requirements. Will the system as specified, adequately support the end users?

° It is not possible to determine the scope of the effort from the document in order to determine the impact of accelerated CRAFT on Communications. The Office needs at least the functional requirements in order to assess CRAFT's impact on existing programs such as Mercury.

° Communications perceives the maintenance burden implied by the short term recommendation to be significant, contrary to the statement in the Plan.

° Communications has difficulty in reconciling the radically different system architectures proposed for the short and long terms with the statement of intended compatibility.

° Is the project being adequately managed in order to achieve success?

° System interface specifications must be well-defined in order to assure the integration of CRAFT activities with existing or planned facilities. (S)

11. Preliminary observations on the accelerated CRAFT identify the areas of impact on the Office of Security. These include:

° In order to restrict access to only authorized individuals overseas, the terminals and mini-computers must be installed in protected areas. Thorough reviews of proposed locations in respect to other equipment configurations, physical plans and alarmed areas must be conducted. Pre and post installation site surveys will be necessary in order to assure that installation meets system security requirements.

° It will be necessary to develop tamper proof containers for shipment and storage of hardware and spare parts.

° The development of emergency destruct equipment
and procedures for magnetic storage media must be
accelerated.

° Require periodic review and testing of hardware by
COMSEC to assure that equipment in the field has
not been tampered with and maintains a constant
Tempest profile.

° It will be necessary to conduct continuing reviews
of major modifications to hardware/software to assure
that the system continues to meet information systems
security requirements.

° It will be necessary to develop security education
briefings and materials for end users regarding the
use and protection of data.

° It will be necessary to develop guidelines and
procedures for information systems security to be
used by physical security survey teams in conducting
periodic inspections. (U)

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25X1A   BD/ODP: ███████/cc/ext8338(23Jan80)

DISTRIBUTION:

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           2 - ODP Registry
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TRANSMITTAL SLIP | DATE 1/23/80

TO: D/ODP

| ROOM NO. | BUILDING |

REMARKS:

EO — GD

DD 91

FO

| FROM: | ████████████ |
| ROOM NO. | BUILDING | EXTENSION 8338 |

FORM NO. 241
1 FEB 55

REPLACES FORM 36-8
WHICH MAY BE USED.

(47)

25X1A

22 January 1980

MEMORANDUM FOR THE RECORD

25X1A   FROM   : ███████████████████████

Chief, B Division, ODP

SUBJECT   : CRAFT Working Group Meeting - 18 January 1980 (S)

REFERENCE: A Plan for Accelerating the Provision of ADP
Support to DO Field Stations (S) 14 January 1980

1.   Attached is the agenda for the meeting.

25X1A   2. ████████████ began the meeting by stating that nothing
in the CRAFT requirements has fundamentally changed except for
an added emphasis on security needs in the field. She stated
that CRAFT funding is "up in the air". Peggy presented the
following foils:

   a. Constraints (pages 7-8 of the Plan -
       see reference)

   b. Assumptions (pages 8-9 of the Plan)

   c. Option Evaluation Matrix (page 33 of the Plan) (S)

25X1A   3. ██████████████ engaged in a dialog with ████████████   25X1A
C/E/B&F/BL.

25X1A   Q ████████████   Will there be a compartmentation problem?

25X1A   A ███████   : This is a "selling" job. Confidence
in compartmentation controls in a
system will develop with experience.

DERIVATIVE CL BY ~ 485103
☐ DECL ☑ REVW ON 22 JAN 2000
DERIVED FROM /C-/C79.

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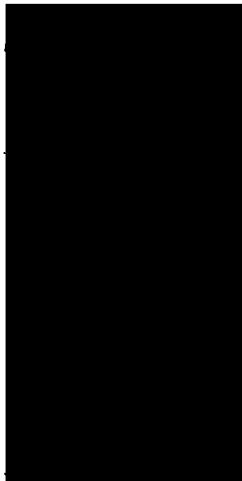
How should the priority of deployment
be established (which stations first?)

The question is the selection of a
criteria, e.g., magnitude of data
conversion, size of station, etc.
From a security viewpoint mid-size
and small stations are more vulnerable
to being overrun.

Will each station be responsible for
its own site survey?

No. IMS will handle it supported by
a records management officer, OC
representative, and ADP specialist. (S)

25X1A

4.   When asked by Peggy for OC's reaction to the paper,
[redacted] contributed: "If sufficient money and people are
provided (to do the work) otherwise it's not feasible." This
was the full extent of OC's comments at the meeting. Peggy
responded by a brief mention of the present funding for the

25X1A [redacted] activities. The Overseas Prototype
is only in the planning stage. She also mentioned the 30 January
EXCOM meeting when the members of that committee will be brought
up to date on the project. Funding may be discussed at that
time. (S)

5.   I asked for a clarification on the meaning of the
compatibility of the short-term and long-term solutions as the

25X1A architectures are so different. [redacted] responded by stating
that the two approaches are functionally compatible and there
will be some compatibility of hardware. (i.e., the use of the
Agency standard terminal in both configurations). Al stated
that all procurements of the Agency standard terminal will go
through ODP. Procurement actions for terminals will be initiated
in the third quarter of FY-80. He also stated that the Plan was
not intended to imply any resource requests for the Working Group
sponsoring organization. (S)

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7. ███████████████, ISSG/OS stated a need for added emphasis to be placed on destruction techniques for non-paper media including large scale destruction. He requested that a Security representative be added to the site survey teams. It was during this discussion that Peggy mentioned a plan the U.S. Army has for the deployment of 300 Honeywell minicomputers overseas. (S)

8. The Audit Staff representative had no significant contribution. (A/IUO)

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9. ████████████ of QTR requested IMS to clarify its training needs in support of CRAFT. ████████ ventured that 25X1A some special courses for CLASS A officers may be needed similar to the GAS training OTR provided. I reminded Bob of his responsibility to include this in the CLASS A Training Plan (contained in the CLASS A Project Plan paper). I told Dave that training on the general usage of the Agency standard terminal is to be coordinated through ODP's Training Staff. (C)

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10. ██████████ gave an overview (slide presentation) of OC's Project Mercury. (C)

11. The next meeting is scheduled for 8 February 1980. (U)
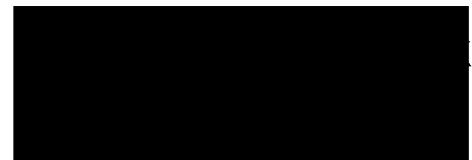
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Attachment: Agenda

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25X1A   BDiv/███████████/cc/22Jan80

18 January, 1980

AGENDA OF CRAFT WORKING GROUP MEETING

25X1A

I. "ACCELERATED CRAFT" PROPOSAL
    a. ██████████ — Introductory remarks
    b. ██████████ — Discussion

25X1A

II. MERCURY BRIEFING
    a. ██████████

III. NEXT MEETING — FEB 8, 1980
                    ROOM 1D35
                    TIME: 1000